



***NAVSEA 04L5***  
***Configuration Audits***  
***Validations***  
***Root Cause Analysis***

**13-15 July 2004**

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- **Configuration Audits**
  - **Background**
  - **Configuration Accuracy**
  - **Audit Ships**
  - **4<sup>th</sup> Quarter FY04 Schedule**
  - **FY05 Strategy**
  - **Issues**
- **Root Cause Analysis**
- **Validations**

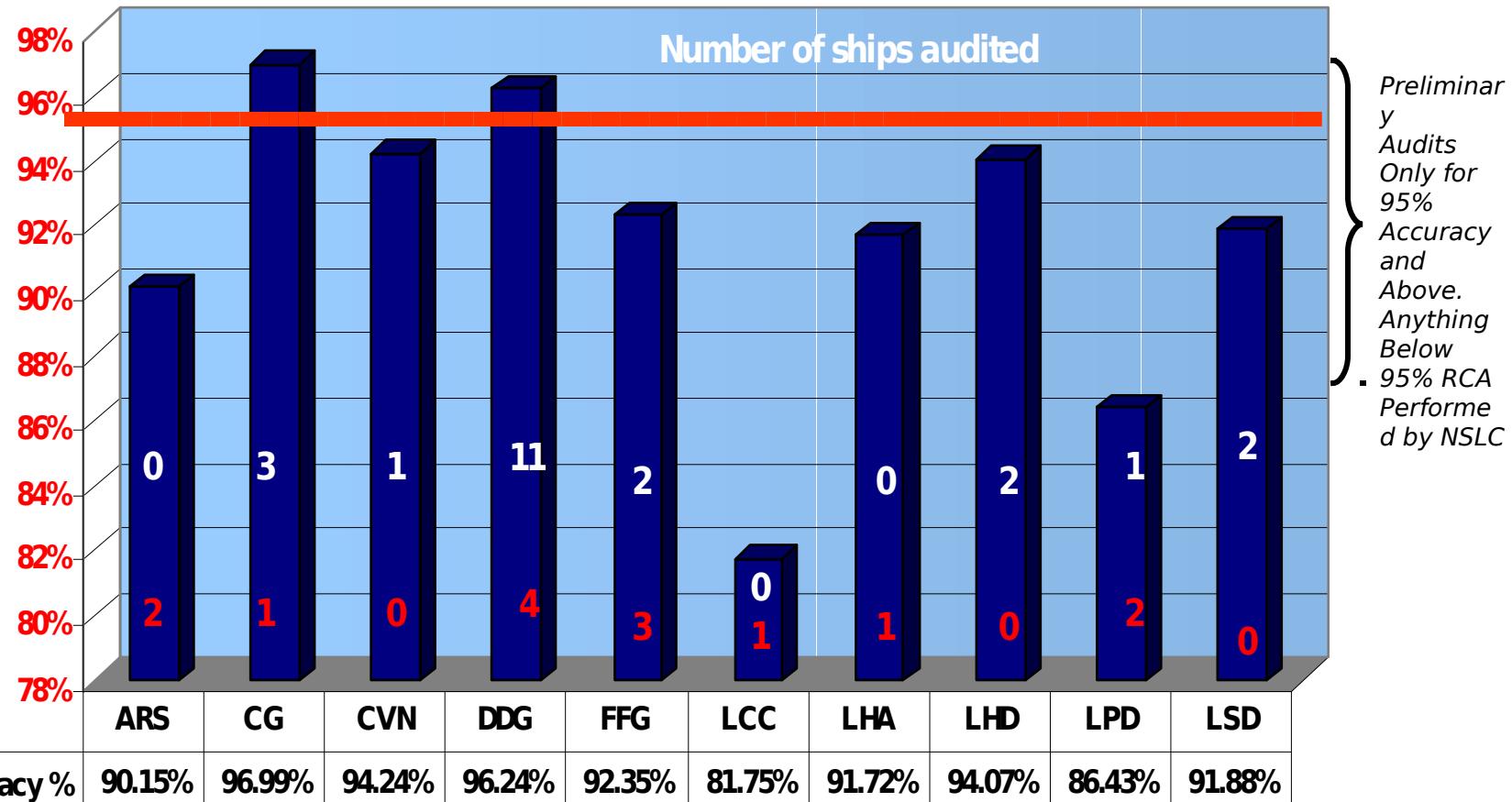
- **Background:**

- Response to Fleet concerns
- Independent Audit Team established in FY03
- Limited to East Coast due to funding constraints
- What is the CM accuracy of ships?
- Statistically Valid Random Sample
- Representative sample of each ship class to get accurate baseline of total ship configuration accuracy
- 37 Audits completed to date
- 6 Ships scheduled for 4th Quarter FY04

***Statistically valid ship configuration accuracy***

# Configuration Audits

Audit Accuracy by ship class  
(combination of final and preliminary results)



White numbers on bars represent # of final results

Data updated 29JUN04

CG-56 data not included - pending additional research

Red numbers on bars represent # of preliminary results

# Configuration Audits

## Audit Ships

<b>SHIP NAME/HULL</b>	<b>SHIP NAME/HULL</b>
USS GRASP (ARS 51)	USS PORTER (DDG 78)
USS GRAPPLE (ARS-53)	USS WINSTON CHURCHILL (DDG 81)
USS LEYTE GULF (CG-55)	USS BULKELEY (DDG 84)
USS SAN JACINTO (CG-56)	USS MASON (DDG 87) (Twice)*
USS HUE CITY (CG 66)	USS DEWERT (FFG 45)
USS CAPE ST GEORGE (CG 71)	USS NICHOLAS (FFG 47)
USS VELLA GULF (CG 72)	USS HAWES (FFG-53)
USS GEORGE WASHINGTON (CVN 73)	USS ELROD (FFG 55)
USS ARLEIGH BURKE (DDG 51)	USS KAUFFMAN (FFG-59)
USS BARRY (DDG-52)	USS MOUNT WHITNEY (LCC-20)
USS STOUT (DDG-55)	USS SAIPAN (LHA 2)
USS RAMAGE (DDG 61)	USS KEARSARGE (LHD 3)
USS GONZALES (DDG 66)	USS BATAAN (LHD 5)
USS THE SULLIVANS (DDG-68)	USS SHREVEPORT (LPD 12)
USS ROSS (DDG 71)	USS TRENTON (LPD 14)
USS MAHAN (DDG 72)	USS PONCE (LPD-15)
USS MCFAUL (DDG 74)	USS WHIDBEY ISLAND (LSD 41)
USS DONALD COOK (DDG-75)	USS OAK HILL (LSD 51)

## **4<sup>th</sup> QTR FY04 Schedule**

- 07/05 - 07/09/04 USS DEVASTATOR MCM-6
- 07/12 - 07/16/04 USS SENTRY MCM-3
- 07/19 - 07/23/04 USS OSPREY MHC-51
- 08/02 - 08/13/04 USS IWO JIMA LHD-7
- 08/16 - 08/27/04 USS ASHLAND LSD-48
- 08/30 - 09/24/04 USS T ROOSEVELT CVN-71  
(CILS-TAT VALIDATION)

- **FY-05 Strategy:**
  - Expand efforts to include west coast ships.
  - Explore efficiencies through combining CILS-TAT (G-CAT) Validations with Audits.
- **Issues (VWG Action)**
  - TOMCAT filtering changes
    - Placeholder for X-RICS
    - X-MAMs
    - Lighting/Connection boxes
    - Timing of CSM Analysis
    - Schedule Coordination

- **Current Status:**

- Root Cause Analysis now done only on ships with accuracy rates below 95%
- Number completed: 22
- In progress: 1
- Discrepancies captured for trending analysis
- Metrics under construction
  - Current discrepancy categories require too much explanation

***Identify and fix the problem at the front end***

- **Systemic/Class-wide Issues**
  - Parent/Child Relationships
  - Life Cycle Maintenance (S/F and SIMA)
  - Alterations
    - Deletes
    - Factory Installed Alterations
    - Support equipment affected by alteration
  - Portable Equipment
    - Inherently difficult to manage
    - Manage support items in addition to equipage
    - Manage the APLs in addition to AELs
  - RADIACS/Halon System/Integrated Shipboard Network System (ISNS)/IC

***Identify and fix the problem at the front end***

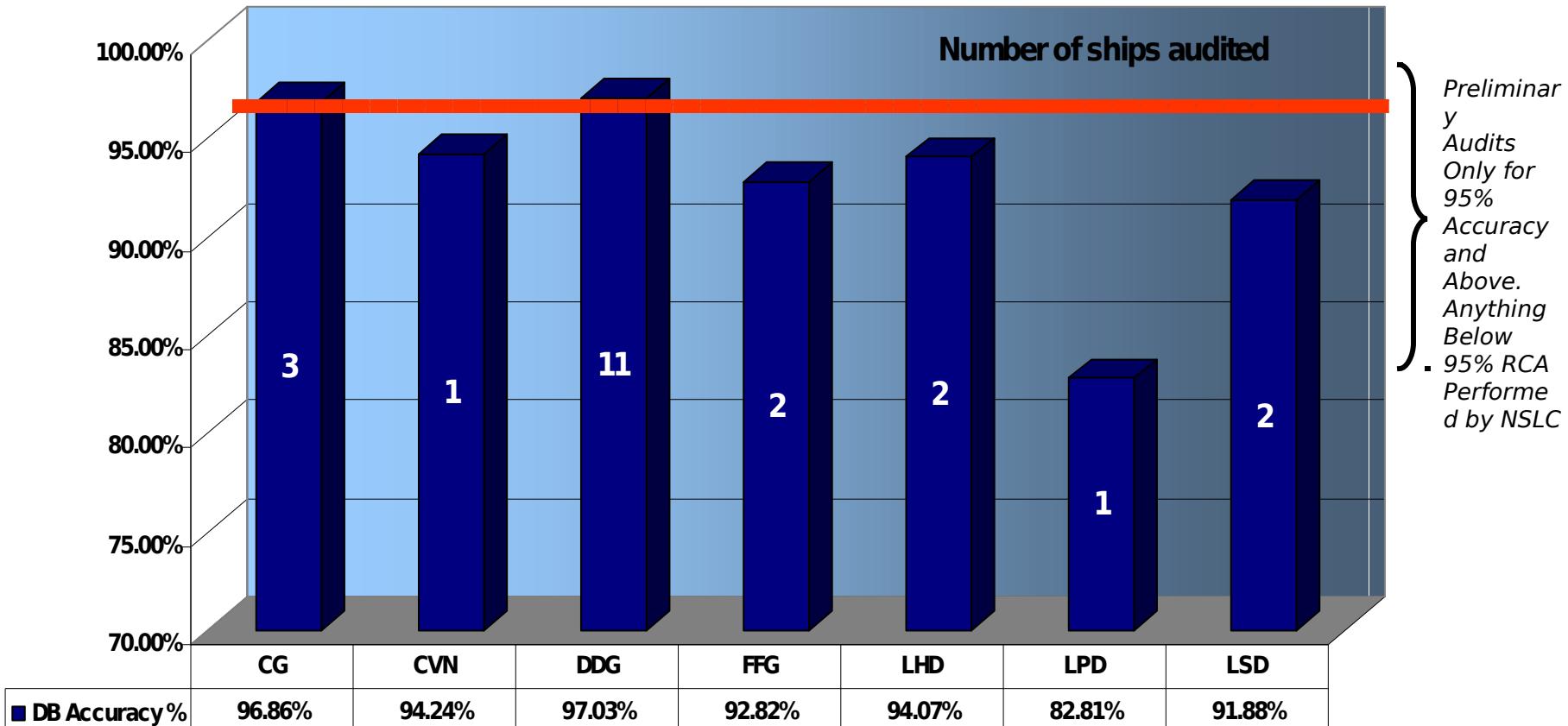
- **CFFC directed RMC to divest of reimbursable work**
- **RMC logistics efforts driven by maintenance teams**
  - ILO effort changing to support maintenance teams and RMMCO
- **Audit Team to conduct CILS-TAT validations**
- **Unknowns**
  - Class-wide analysis (VWG Action)
  - DC4-ILO/DBR (VWG Action)
  - PMR role/interface outside industrial availability (MOA)

***Waterfront landscape has changed!***

# Backup Slide

# Configuration Audits

## Audit Accuracy by ship class



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